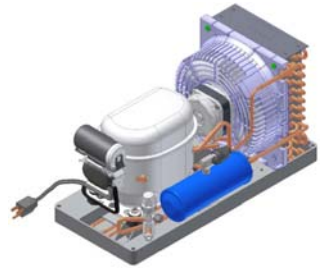
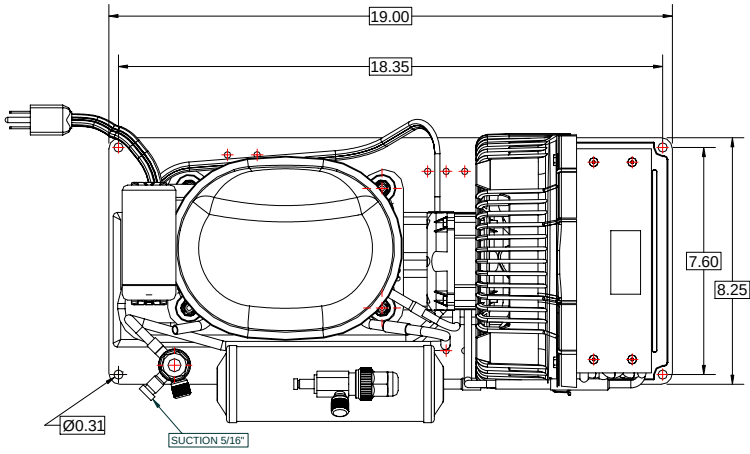
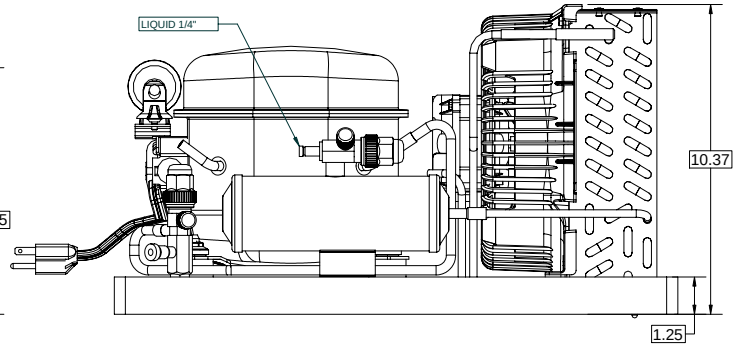
TECUMSEH HERMETIC CONDENSING UNIT

Model	**AEA2380ZXAGL, -K, -B, -C**
BOM	**33X411-2, -3, -4, -5**
Air Cooled	**1/4 HP**
Application	**Low Temp**
Refrigerant	**R404A**
Volts-Hz-Ph	**115-60-1**







Model	Dimensions, inches (mm)			Line connections		Pumpdown	Air flow	Oil Ch.	Gross wt.
	L	W	H	Suction	Liquid	90% @90oF	CFM	Oz.	Lbs (kg)
AEA2380ZXAGL	19 (483)	8.7 (221)	10.3 (262)	5/16 Sweat	1/4 Sweat	n/a	242	16	39.6 (18)
AEA2380ZXAGK									
AEA2380ZXAGB		9.7 (246)				1.53			40.2 (18.2)
AEA2380ZXAGC				5/16 Valve Sweat	1/4 Valve Sweat	1.85			40.8 (18.5)

Factory charge 20 psig dry air, **MUST BE EVACUATED**

Evaporator		Ambient Temeratures											
		80°F			90°F			100°F			110°F		
°F	Psig	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-30	9.9	692	241	89	612	248	98	530	254	107	445	258	116
-25	12.9	792	254	91	709	263	99	623	270	108	537	278	117
-20	16.3	911	269	94	814	280	101	721	291	109	632	301	119
-15	19.9	1010	289	94	927	300	103	834	313	112	732	325	120
-10	**23.9**	**1143**	**311**	**98**	**1049**	**322**	**105**	**946**	**335**	**114**	**836**	**347**	**122**
-5	28.2	1265	334	100	1178	345	108	1071	358	116	944	372	124
0	32.8	1440	356	102	1318	370	111	1189	384	119	1054	397	127
5	37.9	1579	377	105	1451	391	113	1313	407	121	1164	422	129
10	43.3	1775	403	108	1620	417	117	1458	429	125	1289	444	132

Performance @ 60 Hz, Return gas 40°F, SubCooling 5°F

* Inches of mercury below one atmosphere

Parts/Specifications

Unit BOM	**33X411-2**
Unit MODEL	**AEA2380ZXAGL**
Refrigeration RANGE	-40°F to 10°F
Design Pressure Low	181
Design Pressure High	450
Volts - HZ - Ph	115-60-1
Voltage Range	126.5 to 103.5
Min. Circuit Ampacity	6.1
Max. Fuse Size	15
Compressor MODEL	AEA2380ZXA
Compressor BOM	AE560AR-916-A2
Compressor LRA	30.2
Compressor RLA	4.55
OverLoad	8300MRPD60
Relay	820RR12H55
Run Capacitor	
Run Capacitor Rating	
Start Capacitor	85PS110C76
Start Capacitor Rating	243-292MFD / 110V
Fan Motor	NUT6B06ZUN301
Fan Motor RLA	0.41
Fan Blade	4VEA009

Condenser	50733-G04
Shroud	
Fan Guard	116-003P
Replacement Fan Motor	6W115
F. M., blade, guard assy	YFBG-106
F. M., blade, guard, shroud assy	
Electrical Diagram	DEAE-10
Unit Drawing	DGBU-042
Unit BOM	**33X411-3**
Unit MODEL	**AEA2380ZXAGK**
Power Cord	85106-10
Unit Drawing	DGBU-042
Unit BOM	**33X411-4**
Unit MODEL	**AEA2380ZXAGB**
Receiver	51085-1H
Unit Drawing	DGBU-042R
Unit BOM	**33X411-5**
Unit MODEL	**AEA2380ZXAGC**
Receiver /w Liq Valve	51085-1HV
Suction Valve	56580-1
Unit Drawing	DGBU-042V